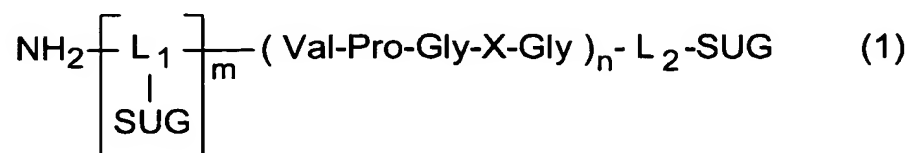


WHAT IS CLAIMED IS:

1. A synthesized glycopeptide that does not occur naturally, the glycopeptide being represented by the following chemical formula (1):

[Chemical Formula 1]



(where x is any amino acid residue, L<sub>1</sub> and L<sub>2</sub> are linkers, SUGs are sugar chains, m is 0 or 1 and n is an integer from 1 to 10, and L<sub>1</sub> and L<sub>2</sub> may be identical with or different from each other and SUGs may be identical with or different from each other).

2. The glycopeptide according to claim 1, wherein SUGs in the formula (1) are sugar chains of monosaccharide or oligosaccharide.

3. The glycopeptide according to claim 1 or 2, wherein x in the formula (1) is Val.

4. The glycopeptide according to any of claims 1 to 3, wherein m in the formula (1) is 0.

5. A temperature-responsive micelle composed of the glycopeptide according to any of claims 1 to 4.